

IN THE CLAIMS:

Claims 1-86. (Cancelled).

87. (Currently Amended) An image processing method comprising:

- a) an input step of inputting moving image data encoded in a first encoding method using intra-picture coding and inter-picture coding;
- b) a first decoding step of decoding the moving image data input in said input step;
- c) a first encoding step of performing the inter intra-picture coding to the moving image data decoded in said first decoding step and storing the encoded data in a recording medium;
- d) a second decoding step of reading the moving image data encoded in said first encoding step from the recording medium and decoding the read data;
- e) an editing step of performing an editing process to at least one picture of the moving image data decoded in said second decoding step;
- f) a second encoding step of performing the inter intra-picture coding to the moving image data subjected to the editing process in said editing step and storing the encoded data in the recording medium; and
- g) a third encoding step of reading the moving image data encoded in said second encoding step from the recording medium, converting the read data in said first encoding method, and outputting the converted data.

88. (Previously Added) A method according to Claim 87, wherein said first encoding method is an MPEG encoding method.

89. (Previously Added) A method according to Claim 87, wherein, in said first decoding step, the moving image data necessary to the editing process is selected and decoded.

90. (Previously Added) A method according to Claim 87, wherein, in the editing process, a process to change the number of frames is performed.

91. (Previously Added) A method according to Claim 87, wherein, in said editing process, a process to insert a frame is performed.

92. (Currently Amended) An image processing apparatus which executes an image processing method, said method comprising:

- a) an input step of inputting moving image data encoded in a first encoding method using intra-picture coding and inter-picture coding;
- b) a first decoding step of decoding the moving image data input in said input step;
- c) a first encoding step of performing the inter intra-picture coding to the moving image data decoded in said first decoding step and storing the encoded data in a recording medium;

d) a second decoding step of reading the moving image data encoded in said first encoding step from the recording medium and decoding the read data;

e) an editing step of performing an editing process to at least one picture of the moving image data decoded in said second decoding step;

f) a second encoding step of performing the ~~inter~~ intra-picture coding to the moving image data subjected to the editing process in said editing step and storing the encoded data in the recording medium; and

g) a third encoding step of reading the moving image data encoded in said second encoding step from the recording medium, converting the read data in said first encoding method, and outputting the converted data.

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93. (Currently Amended) An image processing method comprising:

a) an input step of inputting moving image data encoded by in a first encoding method using intra-picture intra-picture coding and inter-picture coding;

b) a first decoding step of decoding the moving image data input in said input step;

c) a first encoding step of performing the ~~inter~~ intra-picture coding to the moving image data decoded in said first decoding step and storing the encoded data in a recording medium;

d) a second decoding step of reading the moving image data encoded in said first encoding step from the recording medium and decoding the read data;

e) an editing step of performing an editing process to at least one picture of the moving image data decoded in said second decoding step;

f) a second encoding step of performing the ~~inter~~ intra-picture coding to the moving image data subjected to the editing process in said editing step and storing the encoded data in the recording medium;

g) a third decoding step of reading the moving image data encoded in said second encoding step and decoding the read data; and

h) a third encoding step of encoding the moving image data decoded in said third decoding step in a ~~the~~ first encoding method, and outputting the encoded data.

94. (Previously Added) A method according to Claim 93, wherein the moving image data input in said input step is the data encoded in an MPEG encoding method.

95. (Previously Added) A method according to Claim 93, wherein, in said first decoding step, the moving image data necessary to the editing process is selected and decoded.

96. (Previously Added) A method according to Claim 93, wherein, in the editing process, a process to change the number of frames is performed.

97. (Previously Added) A method according to Claim 93, wherein, in said editing process, a process to insert a frame is performed.

98. (Currently Amended) An image processing apparatus which executes an image processing method, said method comprising:

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- a) an input step of inputting moving image data encoded by in a first encoding method using intra-picture coding and inter-picture coding;
- b) a first decoding step of decoding the moving image data input in said input step;
- c) a first encoding step of performing the inter intra-picture coding to the moving image data decoded in said first decoding step and storing the encoded data in a recording medium;
- d) a second decoding step of reading the moving image data encoded in said first encoding step from the recording medium and decoding the read data;
- e) an editing step of performing an editing process to at least one picture of the moving image data decoded in said second decoding step;
- f) a second encoding step of performing the inter intra-picture coding to the moving image data subjected to the editing process in said editing step and storing the encoded data in the recording medium;
- g) a third decoding step of reading the moving image data encoded in said second encoding step and decoding the read data; and
- h) a third encoding step of encoding the moving image data decoded in said third decoding step in a the first encoding method, and outputting the encoded data.